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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS 3	Oct 09	Korean abstracts now included in Derwent World Patents Index
NEWS 4	Oct 09	Number of Derwent World Patents Index updates increased
NEWS 5	Oct 15	Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS 6	Oct 22	Over 1 million reactions added to CASREACT
NEWS 7	Oct 22	DGENE GETSIM has been improved
NEWS 8	Oct 29	AAASD no longer available
NEWS 9	Nov 19	New Search Capabilities USPATFULL and USPAT2
NEWS 10	Nov 19	TOXCENTER(SM) - new toxicology file now available on STN
NEWS 11	Nov 29	COPPERLIT now available on STN
NEWS 12	Nov 29	DWPI revisions to NTIS and US Provisional Numbers
NEWS 13	Nov 30	Files VETU and VETB to have open access
NEWS 14	Dec 10	WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS 15	Dec 10	DGENE BLAST Homology Search
NEWS 16	Dec 17	WELDASEARCH now available on STN
NEWS 17	Dec 17	STANDARDS now available on STN
NEWS 18	Dec 17	New fields for DPCI
NEWS 19	Dec 19	CAS Roles modified
NEWS 20	Dec 19	1907-1946 data and page images added to CA and CAplus

NEWS EXPRESS	August 15 CURRENT WINDOWS VERSION IS V6.0c, CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP), AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 12:55:26 ON 18 JAN 2002

=> file stnguide
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FULL ESTIMATED COST	0.00	0.45

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FILE COVERS 1907 - 18 Jan 2002 VOL 136 ISS 3
FILE LAST UPDATED: 16 Jan 2002 (20020116/ED)

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```
=> s spunbond or (spun-bond)
           114 SPUNBOND
             1 SPUNBONDS
           114 SPUNBOND
                 (SPUNBOND OR SPUNBONDS)
         37449 SPUN
             3 SPUNS
         37450 SPUN
                 (SPUN OR SPUNS)
        424863 BOND
```

```
         206169 BONDS
         546632 BOND
                (BOND OR BONDS)
            111 SPUN-BOND
                (SPUN(W)BOND)
L1          220 SPUNBOND OR (SPUN-BOND)

=> s polyethylene terephthalate or pet
         265344 POLYETHYLENE
           8102 POLYETHYLENES
         267632 POLYETHYLENE
                (POLYETHYLENE OR POLYETHYLENES)
          74867 TEREPHTHALATE
           1750 TEREPHTHALATES
          75205 TEREPHTHALATE
                (TEREPHTHALATE OR TEREPHTHALATES)
          19981 POLYETHYLENE TEREPHTHALATE
                (POLYETHYLENE(W)TEREPHTHALATE)
          39385 PET
            511 PETS
          39633 PET
                (PET OR PETS)
L2        54493 POLYETHYLENE TEREPHTHALATE OR PET

=> s (linear low density polyethylene) or lldpe
         452889 LINEAR
             53 LINEARS
         452912 LINEAR
                (LINEAR OR LINEARS)
        1901189 LOW
            334 LOWS
        1901424 LOW
                (LOW OR LOWS)
         191139 DENSITY
          92238 DENSITIES
         264399 DENSITY
                (DENSITY OR DENSITIES)
         265344 POLYETHYLENE
           8102 POLYETHYLENES
         267632 POLYETHYLENE
                (POLYETHYLENE OR POLYETHYLENES)
           4962 LINEAR LOW DENSITY POLYETHYLENE
                (LINEAR(W)LOW(W)DENSITY(W)POLYETHYLENE)
           5991 LLDPE
             84 LLDPES
           5999 LLDPE
                (LLDPE OR LLDPES)
L3         7489 (LINEAR LOW DENSITY POLYETHYLENE) OR LLDPE

=> s (high density polyethylene) or hdpe
        2926869 HIGH
            454 HIGHS
        2927126 HIGH
                (HIGH OR HIGHS)
         191139 DENSITY
          92238 DENSITIES
         264399 DENSITY
                (DENSITY OR DENSITIES)
         265344 POLYETHYLENE
           8102 POLYETHYLENES
         267632 POLYETHYLENE
                (POLYETHYLENE OR POLYETHYLENES)
           2284 HIGH DENSITY POLYETHYLENE
```

```
                (HIGH(W)DENSITY(W)POLYETHYLENE)
            8316 HDPE
              25 HDPES
            8320 HDPE
                   (HDPE OR HDPES)
L4          9633 (HIGH DENSITY POLYETHYLENE) OR HDPE

=> l2 and l3 and l4
L2 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l2 and l3 and l4
L5            61 L2 AND L3 AND L4

=> s fabric or textile
           80859 FABRIC
           74103 FABRICS
          112902 FABRIC
                   (FABRIC OR FABRICS)
           66347 TEXTILE
           65248 TEXTILES
          100187 TEXTILE
                   (TEXTILE OR TEXTILES)
L6        172015 FABRIC OR TEXTILE

=> s l5 and l6
L7             6 L5 AND L6

=> s sheath or core
           21523 SHEATH
            4976 SHEATHS
           24254 SHEATH
                   (SHEATH OR SHEATHS)
          216793 CORE
           49219 CORES
          241396 CORE
                   (CORE OR CORES)
L8        259537 SHEATH OR CORE

=> s l6 and l8
L9          3850 L6 AND L8

=> s l5 and l9
L10            4 L5 AND L9

=> d 1-4 bib, abs

L10  ANSWER 1 OF 4  CAPLUS  COPYRIGHT 2002 ACS
AN   1999:156161  CAPLUS
DN   130:210768
TI   Nonwoven fabrics of short fibers with high bulk and good handle
     and reduced difference between shrinkage in the machine and transverse
     directions
IN   Nagano, Yukiyoshi; Hirabayashi, Shigeru
PA   Chisso Corp., Japan
SO   Jpn. Kokai Tokkyo Koho, 7 pp.
     CODEN: JKXXAF
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.       KIND  DATE          APPLICATION NO.  DATE
```

PI	JP 11061614	A2	19990305	JP 1997-230282	19970812

AB The nonwoven **fabrics** comprise webs prepd. by dispersing and piling .gtoreq.1 type of short fibers with length 3-25 mm and denier per filament 1-10 to form webs contg. .gtoreq.1 type of heat-bondable fibers (A) with A fiber content .gtoreq.5% and have fiber-to-fiber intersections in the heat-bonded state and exhibit sp. vol. 22-170 cm3/g and ratio (R) of heat shrinkage of the fibers in the machine direction to heat shrinkage of the fibers in the transverse direction 0.75-1.25. The nonwoven **fabrics** are useful for diapers, sanitary napkins, incontinence pads, mother's milk pads, filters, and wipers. **HDPE** with m.p. 132.degree. as the **sheath** and polypropylene with m.p. 164.degree. as the **core** were together melt spun at 50:50 wt. ratio to form staple fibers with denier per filament 2.1 and length 10 mm, piled on a net conveyer to form a web, and heat-treated 10 s at 148.degree. to give a nonwoven **fabric** exhibiting tensile strength in the transverse direction 1.63 kg/5 cm, sp. vol. 102 cm3/g, and R 1.20 and good handle and showing good urine absorption properties on using the nonwoven **fabric** as the facing material for a diaper.

L10 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS
AN 1998:163519 CAPLUS
DN 128:181392
TI A composite laminated sheet comprising a nonwoven **fabric** and a thermoplastic crystalline film
IN Noma, Takeshi; Horiuchi, Shingo; Tsujiyama, Yoshimi
PA Chisso Corporation, Japan; Noma, Takeshi; Horiuchi, Shingo; Tsujiyama, Yoshimi
SO PCT Int. Appl., 76 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9808680	A1	19980305	WO 1997-JP2901	19970820
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9738674	A1	19980319	AU 1997-38674	19970820
	DE 19781951	T	19990812	DE 1997-19781951	19970820
	CN 1228735	A	19990915	CN 1997-197494	19970820
	JP 2001500437	T2	20010116	JP 1998-511456	19970820
	US 6271155	B1	20010807	US 1999-245649	19990208
PRAI	JP 1996-224138	A	19960826		
	WO 1997-JP2901	W	19970820		

AB The sheet comprises a thermoplastic cryst. film and a nonwoven **fabric** having a thermoplastic conjugated fiber comprising a low m.p. component and a high m.p. component, in which the difference in the m.p. between the low m.p. component and the high m.p. component is .gtoreq.10.degree.; the difference in the m.p. between the thermoplastic cryst. film and the low m.p. component of the conjugated fiber is .ltoreq.30.degree.; and the temp. of the position corresponding to 10% of the area from the side of the melting starting point of the endothermic peak of an entire conjugated fiber evaluated by DSC is between the melting starting point and the melting completion point of the endothermic peak of the film. A composite sheet is provided in which a nonwoven **fabric** and a film are adhered without adhesives, the appearance is

excellent, and the adhesive strength between the nonwoven **fabric** and the film is high. The composite sheet can be used for waterproof sheets, for example, paper diapers or sanitary napkins or the like.

L10 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS
AN 1994:137059 CAPLUS
DN 120:137059
TI Manufacture of synthetic nonwoven **fabrics** with high softness and bulk
PA Hercules Inc., USA
SO Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05222658	A2	19930831	JP 1992-279783	19921019
PRAI	US 1991-777931		19911017		

AB The title nonwoven **fabrics** are prepd. by compressing nonwoven webs of conjugate fibers consisting of a thermoplastic polymer (A) component and a component (B) with the softening temp. smaller than that of A below the softening temp. of B and heat treating the webs at or above the softening temp. of B. A carded web comprising **sheath-core** spun fibers from **HDPE** and **PET** and **LLDPE** fibers was prepd., pressed, and passed through an air jet at 110.degree. to give a nonwoven **fabric** with high bulk and softness.

L10 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS
AN 1991:410814 CAPLUS
DN 115:10814
TI Thermally bondable synthetic conjugate fibers for manufacture of nonwoven **fabrics** with high tensile strength and improved softness
IN Ishizawa, Hitoshi; Matsuda, Hideo
PA Chisso Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03064519	A2	19910319	JP 1989-199129	19890731
	JP 2775476	B2	19980716		

AB The title fibers comprise 2 polymers differing (by .gtoreq.20.degree.) in m.p., the low-melting polymer being **LLDPE** contg. C3-12 .alpha.-olefin units and having d. 0.900-0.940, melt index 5-43, and differential scanning calorimetric break temp. (t) other than the m.p. 90-125.degree.. Thus, 1-butene-ethylene copolymer (I; t 107.degree.) as the **sheath** and **PET** as the **core** were melt spun in 50:50 ratio, drawn, crimped, cut, made into a carded web, and heated 2 min at 125.degree. to give a nonwoven **fabric** with tensile strength 5.1 kg/5 cm and bending stress in the machine and transverse directions 17.0 and 8.5 g, resp., vs. 5.2, 42.5, and 27.0, resp, with **HDPE** instead of I.

=> FIL STNGUIDE
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	46.13	46.58

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.48	-2.48

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FULL ESTIMATED COST	0.00	46.58

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.48

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FILE LAST UPDATED: 16 Jan 2002 (20020116/ED)

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.34	46.92

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.48

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LAST RELOADED: Jan 11, 2002 (20020111/UP).

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.00	46.92

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.48

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Search Results -

Terms	Documents
l13 and l2	0

Database: US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Refine Search: `l13 and l2`

Clear

Search History

Today's Date: 1/18/2002

DB Name	Query	Hit Count	Set Name
USPT	l3 and l4 and l7	13	L8
USPT	polyethylene terephthalate	42820	L7
DWPI	polyethylene terephthalate	18876	L6
DWPI	linear low density polyethylene same high density polyethylene	376	L5
USPT	linear low density polyethylene same high density polyethylene	2575	L4
USPT	polyester same core and polyethylene same sheath	686	L3
USPT	spunbond fabric same sheath same core	5	L2
DWPI	spunbond fabric same sheath same core	0	L1

DB Name	Query	Hit Count	Set Name
USPT	l13 and l2	0	L14
USPT	l6 and l9 and l10	15	L13
DWPI	l7 and l8 and l11	2	L12
DWPI	polyethylene terephthalate	18876	L11
USPT	polyethylene terephthalate	42820	L10
USPT	linear low density polyethylene same high density polyethylene	2967	L9
DWPI	linear low density polyethylene same high density polyethylene	376	L8
DWPI	polyester same core and polyethylene same sheath	372	L7
USPT	polyester same core and polyethylene same sheath	781	L6
USPT	sheath same core same bicomponent same filaments	251	L5
DWPI	sheath same core same bicomponent same filaments	35	L4
USPT	sheath same core same bicomponent same filaments	251	L3
USPT	spunbond same (fabric or textile) same (nonwoven or non-woven or unwoven)	662	L2
DWPI	spunbond same (fabric or textile) same (nonwoven or non-woven or unwoven)	32	L1

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,PGPB,DWPI; PLUR=YES; OP=ADJ			
L8	l6 and l7	3	L8
L7	l4 and l5	1534	L7
L6	l1 and l2 and l3	50	L6
L5	polyethylene terephthalate	73373	L5
L4	(linear low density polyethylene or lldpe) same (high density polyethylene or hdpe)	5817	L4
L3	polyester same core and polyethylene same sheath	1715	L3
L2	sheath same core same (bi-component or bicomponent) same filaments	500	L2
L1	spunbond same (fabric or textile) same (nonwoven or non-woven or unwoven or un-woven)	1124	L1

END OF SEARCH HISTORY